



CSIR, India: An Innovation Hub for Global Sustainable Development



Science Summit at the 77 United Nation General Assembly (SSUNGA77)

CSIR's Science Sessions

“CSIR, India: An Innovation Hub for Global Sustainable Development”

Science Summit at the 77 United Nation General Assembly

Date: 22 and 28 September 2022; Time: 1630 hrs to 1900 hrs (IST)

About the Organization: Council of Scientific and Industrial Research (CSIR), India

Council of Scientific & Industrial Research (CSIR), India, is the largest industrial R&D organization in India, under the Department of Scientific and Industrial Research (DSIR) of Ministry of Science and Technology, Government of India. CSIR, established in 1942 has 37 multidisciplinary R&D institutes located across India that are working in a wide spectrum of S&T fields from oceanography, geophysics, chemicals, drugs, genomics, biotechnology and nanotechnology to mining, aeronautics, instrumentation, environmental engineering and information technology. SCIMAGO Institutions Rankings 2022 has ranked CSIR, India **39th among 1745 Government institutions worldwide** with a “**Research**” rank of **186 among the 8084 ranked institutions globally**. CSIR, India lies in the 4th percentile in Research ratings among with World institutions and lies in the **2nd percentile in Research rating among the institutions in Asiatic region**.

The Network of laboratories are being manned by about 9000 highly skilled S&T manpower. Its need-based and industry-focused R&D and technology development, strength in basic and applied research, and the world-class R&D infrastructure have contributed immensely to India’s prowess in S&T as measured by patents, publications and innovations.

CSIR has been contributing immensely to the industrial, societal and economic development and growth of India for eight decades now. CSIR has helped India overcome many challenges and crisis, from promoting self-sufficiency in the face of technology denials, to handling natural disasters such as earthquakes, floods, pandemic, through appropriate technological solutions.

CSIR has recently developed “CSIR@80: Vision & Strategy 2022 – New CSIR for New India” which envisions pursuing science that strives for global impact, the technology that enables innovation-driven industry and nurtures trans-disciplinary leadership thereby catalyzing inclusive economic development for the people of India.

CSIR has been immensely contributing to the UN Sustainable Development Goals. The Session on “**CSIR, India: An Innovation Hub for Global Sustainable Development**” will briefly present these contributions. These can be viewed at

Youtube

<https://www.youtube.com/csirindia1942>

Facebook

[CSIR, India | Facebook](https://www.facebook.com/csirindia)

Twitter

https://twitter.com/csir_ind?lang=en

PROGRAM

Day 1: 22 September 2022; Time: 16:30 hrs to 19:00 hrs (IST)

Register: <https://ssunga77.sched.com/event/1AjCL/ref-22537-csir-india-an-innovation-hub-for-global-sustainable-development>

Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
	Inaugural Session	Welcome and Introduction to the meeting <i>Dr. Rama Swami Bansal, Head, ISTAD, CSIR</i>	1630
		Overview of CSIR <i>Dr. N. Kalaiselvi, Director General, CSIR</i>	1635
Day 1: Scientific Session: 1640 hrs -1900 hrs Moderator - Dr. Ram Vishwakarma, Distinguished Scientist, CSIR			
	Overview of the Scientific Session	Dr. Ram Vishwakarma, Distinguished Scientist, CSIR	1643
1.	Food and Nutrition and Botanical Innovations (No poverty, zero hunger - SDG 1,2)	1. Food/Nutrition <i>Dr. Sridevi Annapurna Singh, Director, CSIR-CFTRI</i>	1645
		2. Botanical Innovations <i>Dr. S.K. Barik, Director, CSIR-NBRI</i>	1700
Discussions & Q&A			1715
2.	Affordable Healthcare (SDG 3)	1. Therapeutics <i>Dr. D. Srinivasa Reddy, Director, CSIR-IICT</i>	1725

Website: www.csir.res.in ;

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		2. Genomics & Diagnostics <i>Dr. Vinay K. Nandicoori, Director, CSIR-CCMB</i>	1740
Discussions & Q&A			1755
3.	Water and Life Below Water (SDG 6, 13, 14)	1. Potable Water <i>Dr. Kannan Srinivasan, Director, CSIR-CSMCRI</i>	1805
		2. Waste Water Management <i>Dr. Atul Vaidya, Director, CSIR-NEERI</i>	1820
		3. Impact of Climate Change on Indian Ocean <i>Dr. Sunil Kumar Singh, Director, CSIR-NIO</i>	1835
Discussions & Q&A			1850
Vote of Thanks <i>Dr Anand Mohit, Principal Scientist, ISTAD, CSIR</i>			1858
Day 2: 28 September 2022; Time: 16:30 hrs to 19:00 hrs (IST)			
Register: https://ssunga77.sched.com/event/1A1E2/ref-28555-csir-india-an-innovation-hub-for-global-sustainable-development			
Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
Day 2: Scientific Session: 1630 hrs -1900 hrs			
Moderator - Dr. Suddhasatwa Basu, Director CSIR-IMMT			
Overview of the Scientific Session		Dr. Suddhasatwa Basu, Director, CSIR-IMMT	1630
4.	Sustainability – Energy, Environment, Cities, Communities (SDG 7,11,13)	1. Energy Solutions <i>Dr. Ashish Lele, Director, CSIR-NCL</i>	1635
		2. Air Transportation- An Enabler for Economic Growth <i>Dr. Abhay Pashilkar, Director, CSIR-NAL</i>	1652
		3. Environmental Social Governance – An Example of Leather Sector <i>Dr. B. Chandrasekaran, Distinguished Scientist, CSIR</i>	1709
Discussions & Q&A			1726
5.	Industry and Infrastructure – Materials for Global Society (SDG 8,9,12)	1. Materials (non-conventional / secondary resources) and Applications <i>Dr. Indranil Chattoraj, Director, CSIR-NML</i>	1736
		2. Infrastructure <i>Dr. N. Anandavalli, Director, CSIR-SERC</i>	1753
Discussions & Q&A			1811
Concluding Session		Moderator – Dr. K.J. Sreeram, Director, CSIR-CLRI Panel 1. <i>Dr Ram Vishwakarma, Distinguished Scientist, CSIR</i> 2. <i>Dr. Suddhasatwa Basu, Director CSIR-IMMT</i> 3. <i>Dr. V. M. Tiwari, Director, CSIR-NGRI</i> 4. <i>Mr. Declan Kirrane (TBC), Chair SSUNGA77</i> 5. <i>PR to UN (TBC)</i> 6. <i>Dr. Dhananjay Tiwary, Science Counsellor, Embassy of India, USA (TBC)</i> 7. <i>Dr. Rama Swami Bansal, Head, ISTAD, CSIR</i>	1821